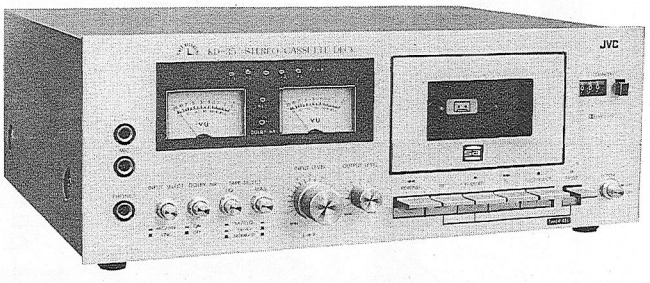
21

JVC

Supplementary SERVICE MANUAL

MODEL
KD-35A/B/C/E/J/U
STEREO CASSETTE DECK

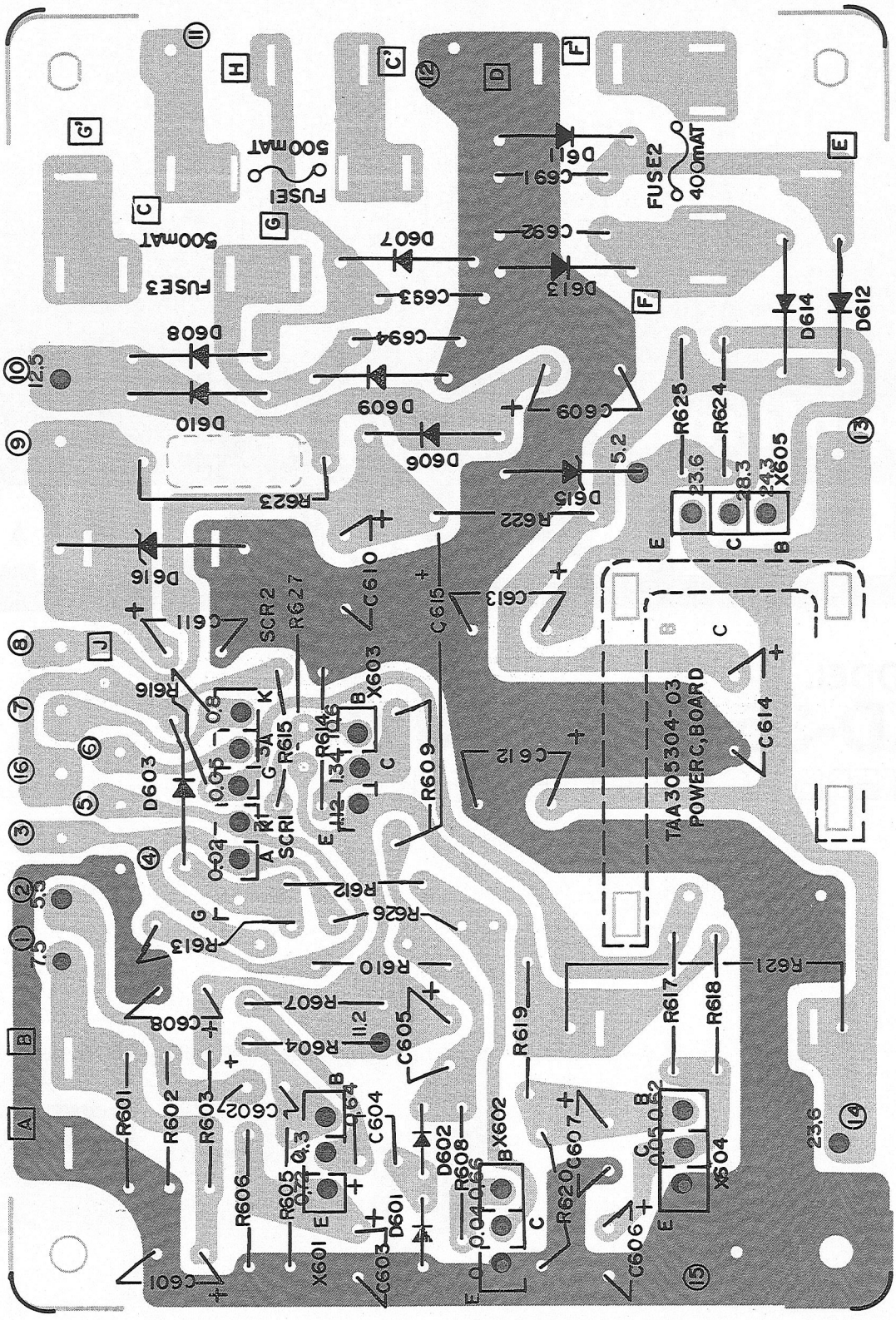


No. 4152-2
December 1977

21

Power Supply Circuit Board

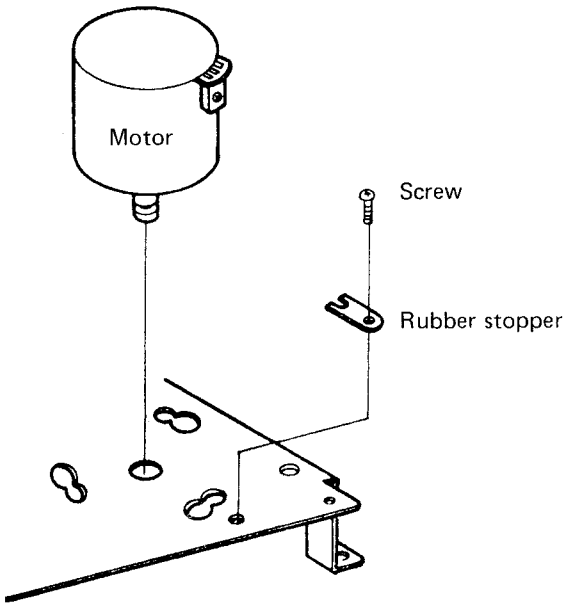
Red print is shown the voltage (V) at playback mode.
When you measure the voltage by tester, we recommend you to use 20 kΩ/V impedance tester.



Removal of the Mechanical Component Parts

Removal of the motor (MHI5C2HDN)

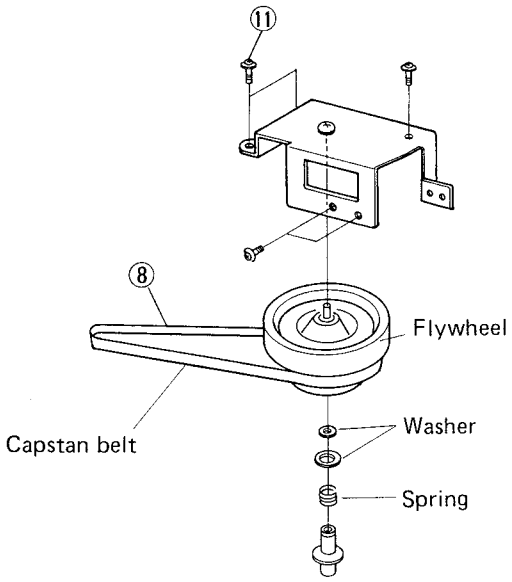
1. Remove the rubber stopper by removing the screw.
2. Remove the capstan belt.
3. Turn the motor clockwise to remove it.



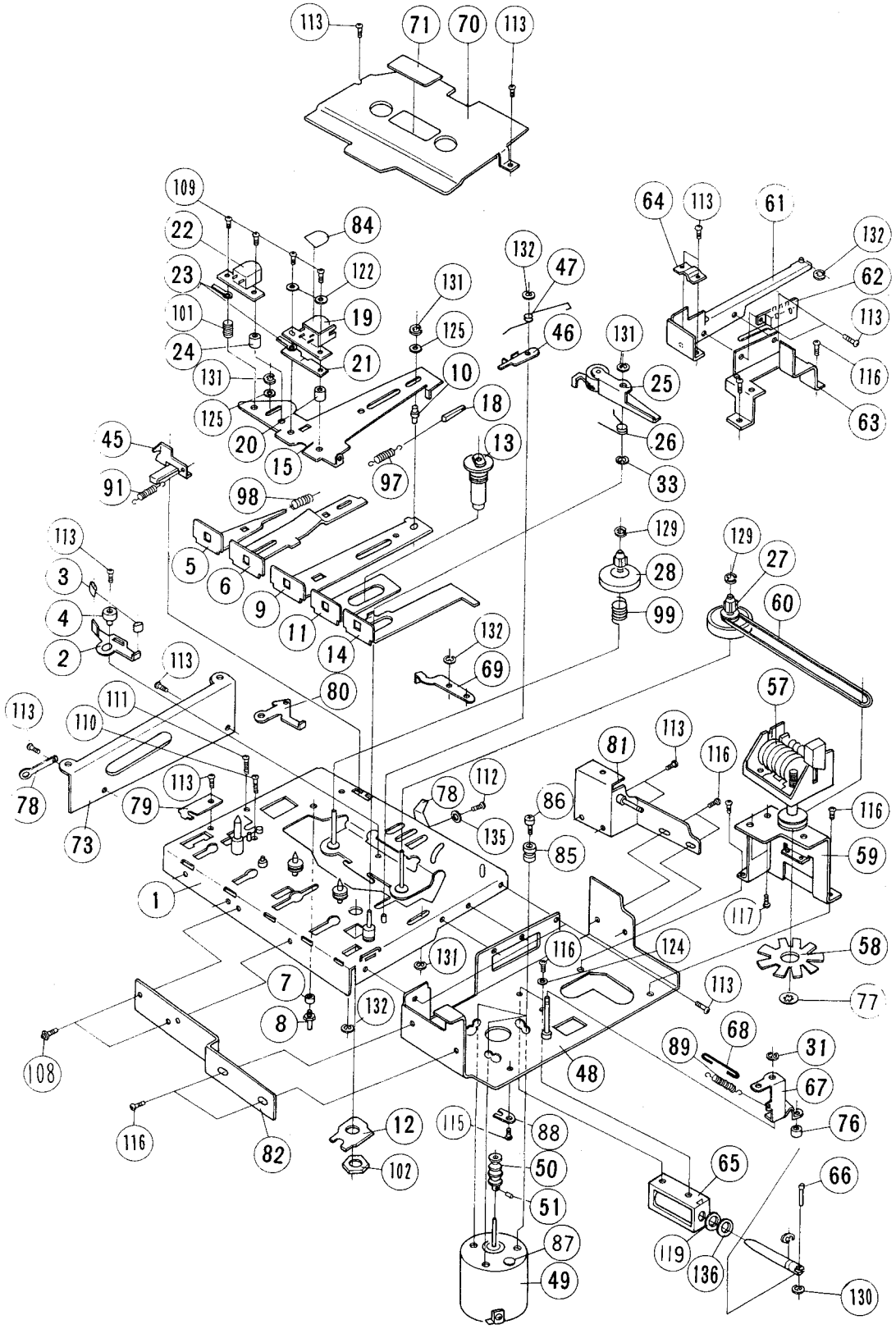
Removal of the flywheel ass'y (TEW349307-0A)

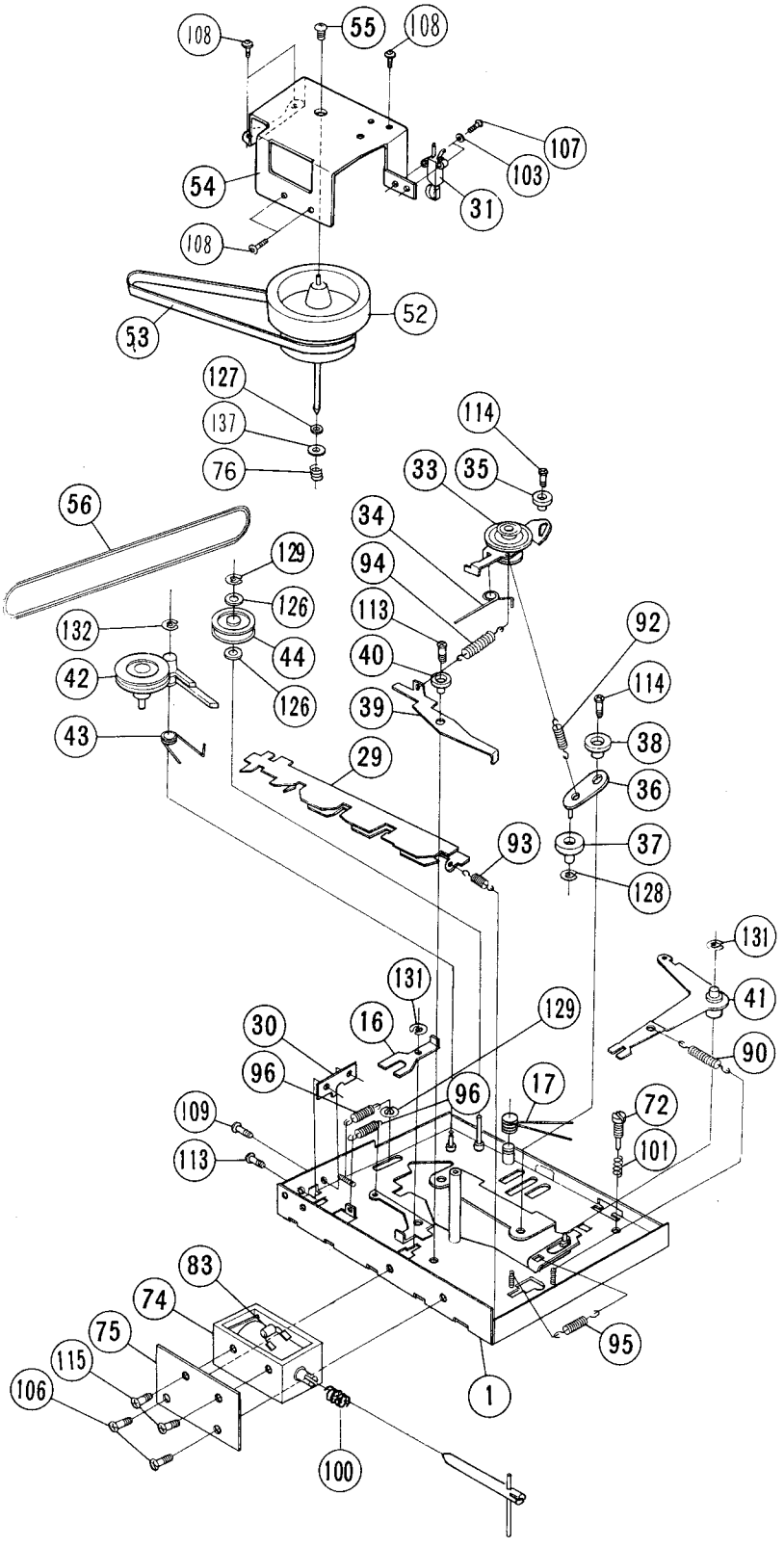
1. Remove 2 screws securing the muting switch bracket.
2. Remove the capstan belt ⑧.
3. Remove 5 screws securing the flywheel holder ⑪.
4. Remove the flywheel assembly by pulling out.

*Be careful not to soil the capstan belt.



Mechanical Component Parts



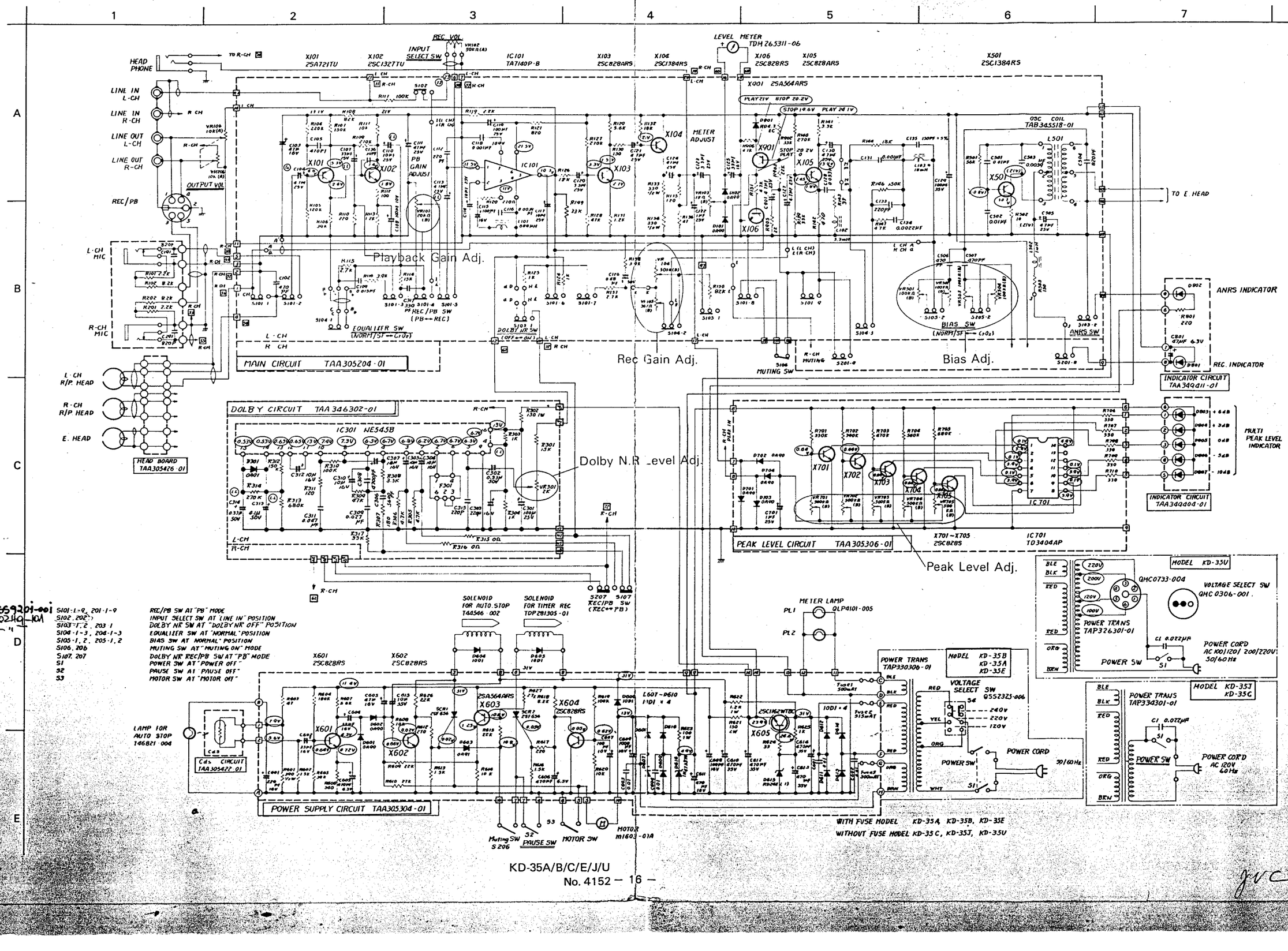

108
55
108
107
103
54
31
108
52
53
127
137
76
114
33
35
56
34
129
94
126
113
132
92
44
40
42
114
126
39
38
43
29
36
93
37
128
131
131
41
129
30
16
90
96
96
17
109
72
113
101
83
74
75
115
95
106
1
100

- The following is a comparative table between the old parts and new parts.
- The other parts not listed here are the same as those of the service manual (No. 4152) for KD-35A/B/E/U. Please refer to its manual.

Page	Old Parts			New Parts				
	Ref. No.	Parts No.	Parts Name	Ref. No.	Parts No.	Parts Name	Remarks	Q'ty
	(Main Amp Circuit Board Parts List)							
20	R120, 220	QRD141K-221	C. Resistor	R120, 220	QRD141K-271	C. Resistor	270 Ω ¼ W	2
	R136, 236	" -470	"	R136, 236	QRD143K-470	"	47 Ω "	2
21	C102, 201	QCS11HK-471	Fixed Ceramic Capacitor	C102, 202	QCS11HK-471	Fixed Ceramic Capacitor	470 pF 50 V	2
	C503	QFM42AK-391	Mylar Capacitor	C503	QFM42AK-392	Mylar Capacitor	0.0039 μF 10 V	1
	(Power Supply Circuit Board Parts List)							
25		TAA-305304-01	Circuit Board		TAA-305304-03	Circuit Board	for Power Supply	1
	R602, 613	QRD142K-152	C. Resistor	R602	QRD142K-152	C. Resistor	1.5 kΩ ¼ W	1
	R612	" -271	"	R612	" -272	"	2.7 kΩ "	1
			(Add)	R613	" -102	"	1 kΩ "	1
	R165	" -223	"	R615	" -333	"	33 kΩ "	1
	R616	" -152	"	R616	QRD143K-102	"	1 kΩ	1
	R617	" -221	"	(Cancel)				
	R618	" -822	"	R618	QRD142K-562	"	5.6 kΩ "	1
	R626	QRD143K-223	"	R626	QRD142K-103	"	10 kΩ "	1
	R627	" -273	"	R627	QRD143K-562	"	5.6 kΩ "	1
			(Add)	C628	QEW41EA-105	E. Capacitor	1 μF 25 V	1
	D606,607, 608,609, 610,611, 612,613,	T30155-001 or V06-B	Si. Diode	D606,607, 608,609, 610,611, 612,613,	10E1	Si. Diode		9
	614			614				
			(Add)	D717	MA150	Si. Diode		1
	F2	QFM51A2-R315	Fuse	F2	QMF51A2-R40	Fuse	400 mAT(KD-35A/E)	1
	F3	" -R315LBS	"	F3	" -R40LBS	"	400 mAT(KD-35B)	1
	(Mechanical Component Parts List)							
28	1	TGB305205-0A	Chassis Base Ass'y	1	TGB305205-0B	Chassis Base Ass'y		1
	3	TER265487-01	Brake Rubber	3	TER265487-03	Brake Rubber		1
	7	T30302-049	Collar	7	T30302-061	Collar	for Rec. Bar	1
	13	TGH265546-0B	Capstan Metal Ass'y	13	TGH265546-0C	Capstan Metal Ass'y		1
	19	THC000487-0B	R.P. Head Ass'y	19	ZMM074401-0A	R.P. Head Ass'y		1
	22	THS265480-0A	E. Head Ass'y	22	THS000481-0A	E. Head Ass'y		1
	23	T45640-001	Wire Holder	23	VKZ4001-009	Wire Holder	Head Wire Clamp	2
	25	TGB291415-0A	Pinch Roller Arm Ass'y	25	TGB291415-0B	Pinch Roller Arm Ass'y		1
	31	QSM1S01-015	Microswitch Ass'y	31	VSM1106-001	Main Switch		1
	35	TFH265557-01	Metal	35	TFH305466-01	Metal	FF Arm	1
	40	T47529-001	Metal	40	TFH000491-01	Metal	for Review Lever	1
	48	TGB305404-0A	Motor Bracket Ass'y	48	TGB305405-0B	Motor Bracket Ass'y		1
	49	m1603-00A	Motor Ass'y	49	MHI5C2HDN	Motor		1
	50	53492	Rubber Bushing	50	TFH349418-01	Motor Pulley		1
	51	T30302-058	Collar	51	YRS2603Z	Screw	for Motor Pulley	1
	52	TGD305446-0A	Flywheel Ass'y	52	TEW349407-0A	Flywheel Ass'y		1
	53	TEB265499-02	Capstan Belt	53	TEB349419-01	Capstan Belt		1
	54	TFB265492-01	Flywheel Holder	54	VKL4103-001	Flywheel Holder		1
	55	TEP265498-01	Thrust Washer	55	TEP349420-01	Thrust Screw		1
	59	TFB305406-01	Counter Bracket	59	TFB349415-01	Counter Bracket		1
	60	TEB305407-01	Counter Belt	60	TEB345476-02	Counter Belt		1
	63	TFB305408-01	Pause SW Bracket	63	TFB349417-01	Pause SW Bracket		1
	67	TFB305412-01	Pause Arm	67	TFB349416-01	Pause Arm		1
29			(Add)	76	T30301-155	Spring	for Flywheel	1
			(Add)	77	TFP305465-01	CS Ring		1
			(Add)	78	TFP305463-01	Spring Plate		1
	83	T30155-001 or V06-B	Si. Diode	83	10E1	Si. Diode		2
			(Add)	85	TER357465-01	Cushion Rubber		3
			(Add)	86	TFH345468-01	Motor Screw		3
			(Add)	87	TER313570-01	Motor Cushion		1
			(Add)	88	TFB345469-01	Rubber Stopper		1

Page	Old Parts			New Parts				
	Ref. No.	Parts No.	Parts Name	Ref. No.	Parts No.	Parts Name	Remarks	Q'ty
29	105	NTB3000S	Nut	(Cancel)				
	107	SSSP2012Z	Screw	107	LPSP2008Z	Screw	for Main Switch	2
			(Add)	108	DPSP2605Z	"	for Flywheel Holder	5
	119	LPSP3005ZS	"	117	LPSP3005ZS	"	for Counter	2
	118	LPSP2608Z	"	(Cancel)				
			(Add)	119	Q03093-504	Washer	for DC Solenoid	1
	120	WLS2000	Washer	(Cancel)				
	121	WLS3000	"	(Cancel)				
	123	Q03091-154	"	(Cancel)				
			(Add)	124	WNB2600N	Screw	for Solenoid, Main Switch	4
	127	Q03093-611	"	127	Q03093-827	Washer	for Flywheel	2
	134	Q03093-405	"	(Cancel)				
	136	TFP305464-01	Spring Plate	136	Q03093-505	Washer	for DC Solenoid	1
			(Add)	137	Q03093-621	"	for Flywheel	1
	(Enclosure Ass'y and Electrical Parts)							
30	2	TFB349413-01	Push Button Spacer	2	TFB305428-02	Push Button Spacer		4
	9	TFB265436-01	Switch Bracket	9	TFB349421-01	Switch Bracket	for Muting Switch	1
	30	TER267508-02	O-Ring	30	TER267508-03	O-Ring		1
	34	QMP1600-244	Power Cord with Plug	34	QMP1200-244	Power Cord with Plug	KD-35C/J	1
	35	QHS3876-162	Cord Stopper	35	QHS3876-162BS	Cord Stopper	KD-35B	1
			(Add)		QHS3876-162	Cord Stopper	KD-35A/C/E/J/U	1
	38	FG9060-001	Connector	38	TAW000504-01	Connector	for Power Cord (KD-35C/J/U)	1
33	61	QFH43AM-223	M.M. Capacitor	61	QFA72BM-223	M.M. Capacitor	KD-35C	1
			(Add)		QFH72BM-223	"	KD-35J	1
			(Add)		QFH43AM-223	"	KD-35U	1
	71	TAA305459-01	Circuit Board	71	TAA305459-02	Circuit Board		1
	79	LPSP3008Z	Screw	79	SBSB3008Z	Screw	for Voltage Select SW (KD-35U)	2
	118	TFB356401-01	Bracket	118	TFB356401-02	Bracket	KD-35U	1
			(Add)		TJL000479-01	Plate	for Voltage Select SW (KD-35A/B/E)	1
			(Add)		SDBP3008RS	Screw	"	2
			(Add)		NTB3000S	Nut	"	2
34	(Accessories)							
		TLT000462-02BS	B.S. Caution	(Cancel)				
		TLZ000348-02	Tape Select Chart	(Cancel)				
		T47099-001	Warning Card	(Cancel)				
		BT20022B	Warranty Card		BT20025B	Warranty Card	KD-35C/J	1
					VNC5005-001	Mark Sticker	KD-35B	1
					T46965-002	Demo. Tape	KD-35A	1
					BT20029	Hi-Fi Warranty	KD-35A	1
					TLT000505-01	UL/CSA Caution Lavel	KD-35C/J (for Bottom)	1
					TLT279401-01	Caution Card	KD-35E (for France)	1
					QZL1001-001	UL Label	KD-35J	1
					BT20032	Warranty Card	KD-35J	1
					BT20015B	Warranty Card	KD-35U for PX	1

Standard Schematic Diagram



JVC

VICTOR COMPANY OF JAPAN, LIMITED.
RADIO & RECORDING MACHINE DIVISION 804 Futoo-cho, Kohoku-ku, Yokohama, Japan

Printed in Japan
—5212—S—